# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Wednesday 10 Mar 2021 until 23:59 on Thursday 11 Mar 2021

Forecast Issued on Tuesday 09 Mar 2021 at 10:53

**Confidence:** High for general themes. Lower for any more persistent rain or snow on Friday night.

**Headline for Wednesday 10 Mar 2021:** Cloudy with spells of rain, heavy at times. Strong to gale southwesterly winds. Extensive hill fog.

**Mountain weather hazards on Wednesday 10 Mar 2021**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
Medium Likelihood

**Severe chill effect**
High Likelihood

**Poor visibility**
High Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
Medium Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Sleet | Heavy Rain | Heavy Rain | Light rain | Heavy Rain | Light rain | Heavy Rain | Light rain showers (night) |
| Precipitation probability | | | | | | | |
| 90% | 90% | 90% | 70% | 80% | 40% | 80% | 30% |

**Forecast for Wednesday 10 Mar 2021**

**Weather:** Further rain overnight, starting as sleet on summits. The day staying cloudy with rain at times, some of this heavy. Then turning more showery during the evening the cloud breaking up too.

**Chance of cloud free mountain/hill tops above 600m:** Little chance until it turns clearer in the evening.

**Visibility:** Mostly poor in heavy rain and drizzle, also in cloud which will be extensive at 500-600m occasionally 450m in the north. Becoming mainly good in the evening away from showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Wednesday 10 Mar 2021**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 30/41 SW | 35/48 S | 35/48 SW | 28/40 SW | 25/36 SW | 29/41 SW | 32/47 SW | 35/52 SW | 37/54 SW |
| **300** | 23/35 S | 27/41 S | 27/40 SW | 22/35 SW | 19/30 SW | 22/34 S | 25/39 SW | 27/43 SW | 29/46 SW |
| **Valley** | 15/34 S | 17/39 S | 17/38 SW | 15/32 SW | 13/28 SW | 14/33 S | 17/39 SW | 19/43 SW | 21/45 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 1/-6 | 2/-6 | 3/-5 | 4/-2 | 5/-1 | 6/0 | 7/1 | 7/1 | 4/-2 |
| **300** | 4/-2 | 4/-2 | 5/-1 | 6/1 | 7/2 | 8/4 | 9/5 | 9/5 | 7/2 |
| **Valley** | 4/-0 | 4/-1 | 5/0 | 6/2 | 7/4 | 9/5 | 10/6 | 9/6 | 8/3 |
| **Freezing Level*** | 800m | 1100m | 1600m | 1600m | 1900m | 2400m | 2200m | 1600m | 1200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A poor day with conditions changing as demonstrated by the wind and temperature table

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Tue 09 Mar 2021 | 0mm | 0mm | 0mm |

**Forecast for Thursday 11 Mar 2021**

**Weather:** A longer spell of rain late in the night and early morning, clearing to broken cloud and occasional showers around daybreak. These showers turning increasingly to snow above 600m later in the afternoon and evening

**Maximum wind:** Very windy overnight with southwesterly becoming westerly winds reaching 45 gusts 65mph the winds then slowly but steadily decreasing to 35 gusts 55mph by midday and 25 gusts 45mph in the evening.

**Chance of cloud free mountain/hill tops above 600m:** Little chance at first, but improving 80-90% by day.

**Visibility:** Poor in rain overnight and at first in morning. Mainly good away from the cloud by day, with brief reductions to moderate or poor in showers. Broken cloud, mainly above summits but some summit patches clinging on, and bases dropping to 600-700m at times near showers.

**Temperature:** **Valleys:** Plus 7 Celsius in early hours falling to Plus 5 during the day and Plus 2 in the evening.
**At 600m:** Plus 3 Celsius in early hours falling to Plus 1 in the morning and Minus 1 by evening. Severe wind chill.
**Freezing level:** Above summits falling to 600m by evening.

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